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(21) International Application Number: PCT/US00/01115 (22) International Filing Date: 19 January 2000 (19.01.00) (30) Priority Data: 60/116,328 19 January 1999 (19.01.99) US (71) Applicant (for all designated States except US): UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC. [US/US]; Office of Vice President for Research, Jouett Hall, Belknap Campus, University of Louisville, Louisville, KY 40292 (US). (71)(72) Applicants and Inventors: KOTWAL, Girish, J. [US/US]; 4664 Shenandoah Drive, Louisville, KY 40241 (US). DALY, James, IV [US/US]; 9317 Tiverton Way, Louisville, KY 40242 (US). (74) Agents: REA, Teresa, Stanek et al.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. 1404, Alexandria, VA 22313-1404 (US).		(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: APPLICATION OF A VIRAL COMPLEMENT INHIBITORY PROTEIN IN THE TREATMENT AND DIAGNOSIS OF ALZHEIMER'S DISEASE		
(57) Abstract <p>The present invention provides a novel treatment for senile dementia (Alzheimer's Type), comprising administering an anti-complement protein to a patient in need of such treatment in an amount sufficient to inhibit the complement cascade and thereby inhibit the production or enlargement of amyloid plaques in the brain of the patient. The present invention further provides pharmaceutical compositions comprising anti-complement protein, or derivatives thereof, and/or pharmaceutically acceptable salts thereof in a variety of unique pharmaceutical dosage forms.</p>		